

DATA TRANSFER TO NODES OF A COMMUNICATION NETWORK USING SELF-REPLICATING CODE

Abstract

5 A method and communication network for transferring data is described. For the method,
responsive to executing first code in a first node in a communication network, the first node
establishes a communication channel with a second node, replicates itself to generate
second code, and provides the second code to the second node over the communication
channel. Responsive to executing the second code in the second node, the second node
10 establishes a communication channel with a third node, replicates itself to generate third
code, and provides the third code to the third node over the communication channel. The
second node then receives data from the first node over the communication channel and
executes the second code to handle the data. The third node then receives the data from the
second node over the communication channel and executes the third code to handle the data.

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